FORM PTO 13	90 U.S. DEPARTMENT O	F COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER				
(REV 01-2003)	(REV 01-2000) SON-2563						
DESIGNATED/ELECTED OFFICE (DO/EO/US)							
(Participal)	CONCERNING A FILING	UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
	ATTONAL APPLICATION NO. PCT/JP03/00938	30 January 03	30 January 02				
TITLE OF INVENTION SURFACE TREATMENT METHOD, SEMICONDUCTOR DEVICE, METHOD							
	FABRICATING SEMICONDUCTOR DEVICE, AND TREATMENT APPARATUS						
APPLICANT(S) FOR DO/EO/US Koichiro Saga							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1. X	1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.						
2.							
3. x	3. X This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. The US has been elected (Article 31).							
5. X	* ·	ication as filed (35 U.S.C. 371 (c)(2))					
a.	is attached hereto (required o	only if not communicated by the Internat	ional Bureau).				
b.	x has been communicated by the	he International Bureau.					
c .,[is not required, as the application was filed in the United States Receiving Office (RO/US).						
6. X	6. X An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).						
a.	a. x is attached hereto.						
b.	b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7. X	7. x Amendments to the claims of the International Application under PCT Article 19						
a. [
ъ.	H						
c.	to a making such amendments has NOT expired						
đ.							
8.	8. An English language translation of the amendments to the claims under PCT Article 19						
9. x	9. X An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).						
An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).							
Items 11	to 20 below concern document						
11. x An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
12. X An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13.	A preliminary amendment.						
14.	14. An Application Data Sheet under 37 CFR 1.76.						
15.	15. A substitute specification.						
16. A power of attorney and/or change of address letter.							
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.							
18.	18. A second copy of the published international application under 35 U.S.C. 154(d)(4).						
19.	19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						
20. Other items or information:							
با	•						
I							

J.S. AF	This ICK I ICK I AC Turnow Tree of the Company of t			ATTORN	NEY'S DOCKET NUMBER 003301-146				
	10 yhats the 653 PCT/SE02/02211				CALCULATIONS PTO USE ONLY				
2. X The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):									
	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,080.00 (1611					00 (1611)			
US	ernational preliminary exam PTO but international Sea	rch Report prepa	red by t	the EPO or JPO	\$920.0	00 (1613)			
Inte but	ernational preliminary exam t International search fee (nination fee (37 (37 CFR 1.445(a)	CFR 1.4 (2)) paid	82) not paid to USPTO I to USPTO	. \$770.0	00 (1610)			
Inte but	International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 (1609)					00 (1609)			
Into an	International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)					00 (1612)			
			ENTI	ER APPROPRIATE BAS	IC FEE AI	MOUNT =	\$ 1,080.00		
	rcharge of \$130.00 (1617) onths from the earliest claim				2	30			
	CLAIMS	NUMBER FI	_	NUMBER EXTRA	RA		\$		
To	tal Claims	33	-20 =	13	× \$18.00	` 	\$ 234.00		
_	ependent Claims	2	-3 =	0	× \$86.00	<u> </u>	\$ 0.00		
ML	JLTIPLE DEPENDENT CL	AIM(S) (if application	able)_			0 (1616)	2.101.00		
_			07.00	TOTAL OF ABOVE		ATIONS	\$ 1,314.00		
	are reduced by 1/2.	entity status. See	37 CF	R 1.27. The fees indicate	d above	+	\$ 0.00		
						STOTAL =	\$ 1,314.00		
Pro	ocessing fee of \$130.00 (1618) for furnishi	ing the i	English translation later to	nan 🔲 2	0 🔲 30	\$ 0.00		
m	Muns from the earliest clair	neu priority date	(37 01 1		LNATION	IAL FEE =	\$ 1,314.00		
Fe	e for recording the enclose	ed assignment (3	7 CFR						
80	companied by an appropri	ate cover sheet (37 CFR	3.28, 3.31). \$40.00 (802	(1) perp	roperty +			
	TOTAL FEES ENCLOSED					LOSED =	\$ 1,314.00 Amount to be		
-							refunded :		
							charged :		
a.	A check in the amou	int of \$ 1.31	100	to cover the above fees	is endos	ed.			
	b. Please charge my Deposit Account No. <u>02-4800</u> in the amount of to cover the above fees. A						e fees. A		
C.	duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No								
d.	d. Charge to credit card. Form PTO-2038 is attached.								
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.									
	,								
SEND ALL CORRESPONDENCE TO:						enten	S. Deffet	th.	
		•			SIGN	ATURE			
				•		B	enton S. Duffett	Jr.	
	NAME								
Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 140422,03					22,030	Mar	y 17, 2004		
	Alexandria, Virginia 22313-1404 REGISTRATIO								
	(703) 836-6620								
l									

U.S. APPLICATION OF COMME	\$37 € \$1	INTERNATIONAL APPLICAT	TON NO.	A.	TORNEY'S DOCKET NUMBI	R	
10/50	<u> </u>	PCT/JP03/00938			SON-2563		
21. X The following fees are submitted:				C	ALCULATIONS P	O USE ONLY	
BASIC NATIONAL FI	EE (37 CFR 1.492 (a)	(1) – (5)):	•	1			
nor international sear	preliminary examination for rch fee (37 CFR 1.445(a)(2))) paid to USPTO					
and International Sea	arch Report not prepared by nary examination fee (37 C	the EPO or JPO	1080.00				
USPTO but Internati	ional Search Report prepare	d by the EPO or JPO		ı			
International prelimi but international sea	nary examination fee (37 C rch fee (37 CFR 1.445(8)(2)	FR 1.482) not paid to USPT()) paid to USPTO	5770.00				
International prelimi	nary examination fee (37 C						
International prelimi	nary examination fee (37 C	FR 1.482) paid to USPTO					
and all claims satisfi	ed provisions of PCT Artic	le 33(1)-(4)		Ļ	920.00		
ENTER Surcharge of \$130.00 for		SIC FEE AMOUNT = declaration later than 3		\$	920.00		
from the earliest claimed			o aprilla	S			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	工			
Total claims	41-20 =	21	x 18		378.00		
Independent claims	13-3	10	x 86	<u>s</u>	860.00	ļ	
MULTIPLE DEPENDE		L OF ABOVE CALC		3 S	1818.00		
Applicant claims s	mall entity status. See	37 CFR 1.27. The fees	indicated abov				
are reduced by 1/2.			UBTOTAL =	\$	1818.00		
					1010.00		
Processing fee of \$130.0 from the earliest claimed	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).						
		TOTAL NATI	ONAL FEE =	S	1818.00		
Fee for recording the encl be accompanied by an app	+ \$						
	S	1818.00					
			·		Amount to be refunded:	s	
				Γ	charged:	s	
a. A check in the amount of \$ to cover the above fees is enclosed.							
	my Deposit Account? bove fees. A duplicate	No. 18-0013 copy of this sheet is en	in the amo closed.	uni oi	1818.00		
l				h may	be required, or credit	any	
c. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0013 . A duplicate copy of this sheet is enclosed.							
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card							
information should not be included on this form. Provide credit pard information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been piet, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.							
SEND ALL CORRESPONDENCE TO:							
Ronald P. Kananen RONALD FISHMAN & GRALIER PLLC Ronald P. Kananen							
RADER, FISHMAN & GRAUER PLLC 1233 20th Street, N.W.					Idiu F. Natiditeii		
Suite 501							
Washington, DC 20 (202) 955-3750	036	V	REGISTRATION	NIIN	24,104 IBER		
July 13, 2004							

	in a	ILE DEPARTMENT OF COMME	RCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER				
PTO-1390	or Fo	TRANSMITTAL LETTER TO		003301-146				
		DESIGNATED/ELECTED	FFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, sae 37 CFR 1.5)				
	•	CONCERNING A FILING U	NDER 35 U.S.C. 371	11/44/20653				
NTER	NA	TIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED 30 November 2001				
		PCT/SE02/02211	29 November 2002	30 November 2001				
IIILE	U۲	INVENTION						
ELEC	ELECTROCHEMICAL DEVICE							
APPLI	APPLICANT(S) FOR DOJEO/US							
	HOMAS KUGLER, MAGNUS BERGGREN, TOMMI REMONEN, ANNA INGALILL MALMSTRÖM, BJÖRN KNUTHAMMAR, and PETRONELLA NORBERG							
	opplicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. It is a FIRST submission to items concerning a filing under 35 U.S.C. 371.							
				251100 274				
2. L	_		submission of items concerning a filing under					
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. 2	9	The US has been elected by the exp	iration of 19 months from the priority date (Artic	de 31).				
5. 2	3	A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))					
		a. 🗵 is attached hereto (required	only if not communicated by the International E	Bureau).				
		b. 🔀 has been communicated by	the International Bureau.					
		c. 🔲 is not required, as the applic	ation was filed in the United States Receiving	Office (RO/US).				
6. [3	An English language translation of th	e International Application as filed (35 U.S.C.	371(c)(2))				
		a. 🔲 is attached hereto.						
		b. 🔲 has been previously submitt	ed under 35 U.S.C. 154(d)(4).					
7. [★ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
"	a. are attached hereto (required only if not communicated by the International Bureau).							
1	b. A have been communicated by the International Bureau.							
	c. have been continuitated by the little limit for making such amendments has NOT expired.							
	d. M have not been made and will not be made.							
в Г	An English tanguage translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
1	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Signed Declaration will follow).							
10. [An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
1	ten	s 11 to 21 below concern docume	nt(s) or information included:					
11. [×	An Information Disclosure Statemen	t under 37 CFR 1.97 and 1.98.					
12. [An assignment document for recording. A separate cover sheet in comptiance with 37 CFR 3.28 and 3.31 is included.						
1 .	_	A FIRST preliminary amendment.						
1 -		A SECOND or SUBSEQUENT preli	minary amendment.					
Ι.		A substitute specification.	•					
1 7		•	or address letter.	•				
1 '								
1	A computer-readable form of the sequence listing in accordance with PCT Rule 1ster.2 and 37 C.F.R. 1.621 - 1.625. A second copy of the published international application under 35 U.S.C. 154(d)(4).							
1								
19.			age translation of the international application (
20.	X	Other items or information: A certi- submitted during the international p	fied copy of Swedish Patent Application No. 0' hase of examination. Thus, the claim for priori	104026-0, filed 30 November 2001, was ty has been perfected.				
21.		Applicant(s) requests that the publis	thed application include the following assignment	ent information:				
1								
								

Page 1 of 2

